



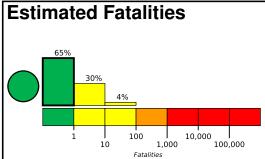


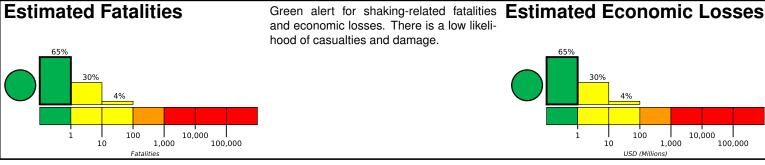
PAGER Version 3

Created: 1 week, 2 days after earthquake

M 5.6, 90 km SE of Modisi, Indonesia

Origin Time: 2023-08-04 11:48:37 UTC (Fri 19:48:37 local) Location: 0.1989° S 124.9343° E Depth: 25.9 km





Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	2,295k*	193k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

124.1°E

Molibagu

Tompa

Population Exposure

5000 9

population per 1 sq. km from Landscan **Structures**

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are unreinforced brick with concrete floor and precast concrete frame with wall construction.

Historical Earthquakes

		•		
Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
2007-01-21	214	7.5	VI(283k)	3
1994-10-08	356	6.8	VII(5k)	1
2000-05-04	188	7.5	VIII(17k)	46
	(UTC) 2007-01-21 1994-10-08	(UTC) (km) 2007-01-21 214 1994-10-08 356	(UTC) (km) 2007-01-21 214 7.5 1994-10-08 356 6.8	(UTC) (km) MMI(#) 2007-01-21 214 7.5 VI(283k) 1994-10-08 356 6.8 VII(5k)

Selected City Exposure

from GeoNames.org				
MMI	City			
IV	Tutuyan			
IV	Lolayan			
	_			

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ММІ	City	Population
IV	Tutuyan	<1k
IV	Lolayan	<1k
IV	Dumoga	<1k
IV	Modayag	<1k
IV	Kotabunan	<1k
Ш	Molibagu	<1k
Ш	Tondano	33k
Ш	Tomohon	28k
Ш	Manado	452k
Ш	Bitung	137k
Ш	Laikit, Laikit II (Dimembe)	8k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.